

CLAM/QUAHOG DREDGE HAUL LOG

This log contains detailed questions about the setting and hauling of gear, and the haul's catch. Complete a new log after each hauling of gear. If you feel that you cannot go on deck for weather-related safety reasons, record as much information on this log as possible (*i.e.*, Header Information, weather, depths, times, positions, *etc.*).

The species summary section of this log should be used to record catches of shellfish species, non-pelagic finfish species, debris and shells only. If any pelagic species (*i.e.*, swordfish, billfish, tuna, bonito, sharks, *etc.*), sturgeons, rays or tagged fish are caught in this haul, an Individual Animal Log must be completed to provide information on each animal. This Clam/Quahog Dredge Haul Log will serve as a cover sheet for any Individual Animal Log(s) corresponding to this haul that may follow. Marine mammals, sea turtles, and sea birds must be recorded on a Marine Mammal, Sea Turtle, and Sea Bird Incidental Take Log. See Appendix R. Species List and Corresponding Logs for a list of species and the log(s) on which to record them.

If there are insufficient lines on one form for all species caught in this haul, continue listing species on an additional Clam/Quahog Dredge Haul Log, making sure to complete all of the Header Information (A-C) and HAUL NUMBER (E).

If information is unavailable or unknown to any question except a "No/Yes" question, record a dash (-) in the field. If the answer to a "No/Yes" question is unknown, record a "9" on the line next to the code for "No" to indicate that a field was not skipped, but the answer is unknown. If a field relates to a question to which you previously answered "No", leave the field blank.

Become familiar with the following definitions.

DEFINITIONS

Haul Begin: First component of dredge deployed, *i.e.*, dredge hits the water.

Haul End: Hauling equipment put into gear.

INSTRUCTIONS

For instructions on completing fields **A - W**, refer to the Common Haul Log Data section of the NEFSC Observer Program Manual.

1. GEAR NUMBER: Record the gear number used for this haul as uniquely identified on the appropriate Clam/Quahog Dredge Gear Characteristics Log.

2. GEAR CONDITION : Indicate the condition of the gear at haulback, even if this was the condition of the gear when set, by recording the most appropriate two digit code listed below and in Appendix J. Gear Condition Codes:

- 00 = Unknown.
- 81 = No gear damage or insignificant gear damage.
- 82 = Dredge turned over.
- 83 = Towline fouled around hose.
- 84 = Bag split.
- 85 = Bottom of dredge fractured.
- 86 = Bent knife frame.
- 87 = Broken knife frame.
- 88 = Broken knife/blade.
- 89 = Dredge lost.
- 99 = Other, specify in COMMENTS.

3. BEGIN/END DATE: Record the month, day, and year, based on local time, that this haul began and ended.

4. BEGIN/END TIME: Record the local time, using the 24 hour clock (0000-2359), that this haul began and ended, *i.e.*, when the first component of the dredge is deployed, or the dredge hits the water (Haul Begin), and when the hauling equipment is put into gear (Haul End).

5. TOW SPEED: Record, to the nearest tenth of a knot, the average towing speed, over the bottom, for this haul.

6. WIRE OUT: Record, in whole fathoms, the amount of wire paid out for this haul. This measurement is taken from the towing blocks to the dredge.

This information may be obtained from the captain.

7. BOTTOM CHARACTERIZATION: Record the predominant bottom characterization for this haul by placing an "X" next to the appropriate code:

- 00 = Unknown.
- 01 = Clear.
- 02 = Quahog Shell Covered.
- 03 = Surf Clam Shell Covered.
- 04 = Scallop Shell Covered.
- 05 = Starfish Covered.
- 06 = Sand Dollar Covered.
- 08 = Combination, record all bottom characterizations on line 7A.
- 99 = Other, record the bottom characterization on line 7A.

NOTE: Do not include bottom type (substrate).

8. NUMBER OF BUSHEL KEPT: Record, to the nearest hundredth of a bushel, the amount of clams or quahogs, **in the shell**, kept from this haul.

NOTE: If surf clam, multiply the number of kept bushels by 17. If quahog meats, multiply the number of kept bushels by 10. This value will determine the estimated meat weight lbs. that are to be recorded on the species section of the haul log.

9. NUMBER OF BUSHEL DISCARDED: Record, to the nearest hundredth of a bushel, the amount of clams or quahogs, **in the shell**, discarded from this haul.

NOTE: If surf clam, multiply the number of discarded bushels by 17. If quahog meats, multiply the number of discarded bushels by 10. This value will determine the estimated meat weight lbs. that are to be recorded on the species section of the haul log.

10. CLAPPERS OBSERVED?: Record whether **clam or quahog** clappers are found in the gear from this haul by placing an "X" next to the appropriate code:

- 0 = No.
- 1 = Yes.

NOTE: Include pounds of clappers in the spe-

cies of the Haul Log.

11. WATER TEMPERATURE: Record, to the nearest tenth of a degree Fahrenheit, the surface sea water temperature after the gear has been set and the winches are locked.

NOTE: The temperature must be recorded for every observed haul during the trip.

NOTE: Use a "ScoopMaster" thermometer to obtain this temperature.

NOTE: If an incidental take occurs in this haul, a WATER TEMPERATURE **must** be recorded.

COMMENTS: Record any additional information regarding this haul, i.e., unusual species caught, unique gear arrangements or fishing operations, etc. If more room is needed, use the back of this log, making sure to write "See Back" on the front of the log. Reference each comment with its corresponding field name.